

**Summary of the  
ELAB PBMS Subcommittee Teleconference  
April 17, 1997**

The Performance Based Measurement Systems (PBMS) Subcommittee of the Environmental Laboratory Advisory Board (ELAB) convened by teleconference on April 17, 1997, at 12:30 p.m. The meeting was led by its chair, Dr. Kathy Hillig of BASF Corporation. The purpose of this meeting was to define performance based methods and measurement systems and to discuss what would happen to make Performance Based Measurement Systems acceptable to all stakeholders. These items were continued from the March 6, 1997 teleconference agenda. A list of action items is provided in Attachment A and a list of participants is given in Attachment B.

Ms. Hillig opened the meeting by asking if the Committee members had any objections to the wording of Recommendation #3, "ELAB recommends that before EPA promulgates a regulation, it must demonstrate and document that Measurement Quality Objectives (MQOs) are achievable using available measurement technology" and Recommendation #4, "EPA must demonstrate that any new or revised regulatory measurement requirements are achievable on samples that represent the same level of analytical challenge as the matrix for which the regulation is intended. (Ideally, this would be samples of the actual matrix to be monitored, as defined by the regulation.)" The Committee members approved the recommendations as written.

The Committee had extensive discussions on the difference between performance based methods and performance based measurement systems. Mr. David Friedman is to furnish Ms. Jeanne Mourrain a copy of a definition provided by Joe Slayton and she, in turn, will make this available to the Committee. Ms. Mimi Uhlfelder clarified her understanding of what the difference in the definitions were by stating, "Performance Based Methods are a criteria you have to meet to still be able to say that you did that method number versus Performance Based Measurement System where the criteria are specified for the measurement and it does not matter what method you use." Ms. Mourrain read the NELAC definition for Performance Based Measurement System (PBMS) which is, "a set of processes wherein the data quality needs, mandates or limitations of a program or project are specified and serve as a criteria for selecting appropriate methods to meet those needs in a cost-effective manner." The Committee members are to look at the three definitions to see if one of them is clear and, if not, try to clarify a definition by the next teleconference.

In discussing the agenda item on what needs to happen to make Performance Based Measurement Systems acceptable to all stakeholders, Ms. Hillig stated that Al Verstuyft had suggested that members look at the March 28 Office of Water Federal Register, Proposed Rule on Streamlining. Mr. David Friedman is to send Committee members his comments on the steps needed to satisfy all stakeholders.

A discussion of the definition of "matrix" ensued. Mr. Larry LaFleur stated that he like the definition furnished by Mr. Friedman (previously provided in the March 6, 1997 minutes) but felt further clarification was needed on what behavior we are talking about. After no agreement was reached on the definition of "matrix", the Committee agreed to continue the discussion at the next

meeting.

Ms. Hillig will poll members as to which date, May 19, 20 or 21 is best for the next teleconference. Members are to contact Ms. Hillig with the dates on which they will be available.

**Action Items**  
**ELAB PBMS Subcommittee Teleconference**  
**April 17, 1997**

<b>Name</b>	<b>Action</b>	<b>Date Completed</b>
David Friedman & Jeanne Mourrain	Mr. Friedman will furnish Ms. Mourrain a copy of Joe Slayton's definition of Performance Based Measurement Systems. Ms. Mourrain will furnish this definition to the Committee members.	
All Committee Members	All Committee members should read the three definitions of Performance Based Methods and Performance Based Measurement Systems to decide if one is clear enough to submit or try to clarify a definition. This should be done by the next meeting.	
David Friedman	Mr. Friedman will furnish the Committee members his ideas on what needs to happen to make Performance Based Measurement Systems acceptable to all stakeholders.	
All Committee Members	All Committee members need to read the March 28 issue of the Federal Register on the Office of Water's proposed rule on streamlining and also the definition of "matrix."	
All Committee Members	All Committee members are to contact Ms. Hillig with the dates on which they will be available to meet (May 19, 20 or 21).	

**LIST OF PARTICIPANTS**  
**ELAB PBM Subcommittee Teleconference**  
**April 17, 1997**

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**Attachment B**

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